

Claims

The claimed invention is:

1. A video display device comprising:

2 a display configured to display a primary image and a  
3 picture-in-picture image (PIP) overlaying the primary image;

4 a processor operatively coupled to the display and  
5 configured to receive a first video data stream for the primary  
6 image and to receive a second video data stream for the PIP; and

7 a user input device operatively coupled to the processor  
8 and configured to alter a display characteristic of the PIP with  
9 respect to the primary image.

1 2. The video display device of Claim 1, wherein the display  
2 characteristic of the PIP is a transparency of the PIP and the  
3 processor is configured to alter the transparency of the PIP with  
4 respect to the primary image.

1 3. The video display device of Claim 2, wherein the processor is  
2 configured to render the PIP transparent by combining a weighted  
3 average of the first and second video data streams.

1 4. The video display device of Claim 3, wherein the user input  
2 device is configured to provide a signal to the processor to  
3 adjust the weighted average in response to a user input.

1 5. The video display device of Claim 1, wherein the display  
2 characteristic of the PIP is a color bias of the PIP and the  
3 processor is configured to alter the color bias of the PIP with  
4 respect to the primary image.

1 6. The video display device of Claim 5, wherein the processor is  
2 configured to alter the color bias of the PIP by combining a  
3 weighted average of the first video data stream and a color bias.

1 7. The video display device of Claim 6, wherein the user input  
2 device is configured to provide a signal to the processor to  
3 adjust the color bias of the PIP by adjusting the weighted  
4 average in response to a user input.

1 8. The video display device of Claim 6, wherein the color bias  
2 is one of a solid color bias or a color scheme.

1 9. The video display device of Claim 1, wherein the video  
2 display device is a television.

1 10. A television comprising:

2 a display configured to display a primary image and a  
3 picture-in-picture image (PIP) overlaying the primary image;

4 a processor operatively coupled to the display and  
5 configured to receive a first video data stream for the primary  
6 image and to receive a second video data stream for the PIP; and

7 a user input device operatively coupled to the processor  
8 and configured to render the PIP transparent with respect to the  
primary image.

1 11. The television of Claim 10, wherein the processor is  
2 configured to render the PIP transparent by combining a weighted  
3 average of the first and second video data streams.

1 12. The television of Claim 10, wherein the processor is  
2 configured to render the PIP transparent by combining a weighted  
3 average of the first and second video data streams and the user  
4 input device is configured to provide a signal to the processor  
5 to adjust the weighted average in response to a user input.

1 13. The television of Claim 10, wherein the processor is  
2 configured to bias the PIP with one of a color or a color scheme.

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1 14. The television of Claim 13, wherein the user input device  
2 is configured to provide a signal to the processor to alter the  
3 color bias of the PIP in response to a user input.

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